

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	42	(yjgf OR YER057c OR YIL051c)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/30 15:55
S1	3	"6916637".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/18 08:14
S2	15	yjgf	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 10:11
S3	5	yijg	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 11:50
S4	3	pok1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 13:49
S5	2	"6303348".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 14:01
S6	4461	coli and (k-12 or k12) and threonine	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 14:02
S7	354	coli and (k-12 or k12) and threonine.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 15:52
S8	4	"3582471".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 15:40
S9	266	\$threonine\$.clm. and coli.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 15:46
S10	3	"2937122".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 15:47
S11	2	AJ adj "11332"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 15:57

## EAST Search History (Prior Art)

S12	55	(plda or pldb) and coli	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 16:02
S13	17	(plda or pldb) near10 coli	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 15:58
S14	26708	coli and tryptophan	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 16:02
S15	1125	coli and tryptophan.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 16:02
S16	237	coli.clm. and tryptophan.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/21 16:02
S17	2	"5443968".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/18 08:18
S18	4	"2005097990".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/18 08:18
S19	0	"200597990".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/18 08:18
S20	2	"20050097990".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/18 08:19
S21	4	"2005097990".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/18 14:42
S22	2	"5137875".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/10/18 14:43
S24	19	YER057c/YIL051c/YjgF OR YER057c OR YIL051c	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/06 16:59
S25	0	yjgf.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/30 11:08

## EAST Search History (Prior Art)

S26	3	yjgf.cfm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/30 11:08
S27	23	yjgf and (L-amino OR "amino acid" OR L-threonine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/30 11:44
S28	20	S27 not S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/05/30 11:45
S29	9	yjgf and (rieping.in. OR degussa.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 11:10
S31	23	yjgf and (L-amino OR "amino acid" OR L-threonine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 11:11
S32	0	S29 not S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 11:11
S33	2	"20070092950".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 11:14
S34	5	"2005014841".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 11:19
S35	24	yjgf AND (coli OR escherichia OR glutamicum OR coryneform)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 13:44
S36	23	yjgf and (L-amino OR "amino acid" OR L-threonine)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 13:45
S37	3	S35 not S36	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/06 13:45
S38	11486	rieping.in. OR degussa.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/21 11:06
S39	9	S38 and yjgf	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/21 11:06

### EAST Search History (Prior Art)

S40	3	S38 and yjgF.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/21 11:07
S41	29	yjgf	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/28 13:33
S42	42	(yjgf OR YER057c OR YIL051c)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/29 15:18
S43	42	(yjgf OR YER057c OR YIL051c) and (threonine OR L-threonine OR "amino acids" OR "L-amino acids" OR "amino acid" OR "amino acids")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/29 15:22
S44	2	YER057c/YIL051c/YjgF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/29 15:28
S45	42	S42 or S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/29 15:28
S46	9	S45 AND rieping.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/07/29 15:29

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	9	(yjgf OR YER057c OR YIL051c)	USPAT; UPAD	OR	OFF	2009/07/30 16:10